

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	738	372/69.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/14 10:11
L2	693	372/69.ccls. not (372/21,50.22 or 359/333,334).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/14 10:53
L3	8	372/69.ccls. not (372/21,50.22 or 359/333,334).ccls. and amplif\$.clm.	US-PGPUB	OR	ON	2006/05/14 10:54
L4	8	(amplif\$.clm. and 372/69.ccls.) not (372/21,50.22 or 359/333,334).ccls.	US-PGPUB	OR	ON	2006/05/14 10:54
S1	104	stretch with pulse and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:40
S2	147	stretch\$ with pulse and compress\$6 with pulse and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:44
S3	0	(stretch\$ with pulse) same (compress\$6 with pulse) same (longer with storage with energy) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:45
S4	0	(stretch\$ with pulse) same (compress\$6 with pulse) same (longer with storage) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:46
S5	0	stretch\$ and compress\$6 and pulse and (longer with storage with lifetime) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:47

## EAST Search History

S6	1	stretch\$ and compress\$6 and pulse and (longer with storage) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:49
S7	2	stretch\$ and pulse and (longer with storage) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:50
S8	257	stretch\$ and pulse and (longer with storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 20:51
S9	51	(stretch\$4 or increas\$5 or lengthen\$) and pulse and (longer with storage) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:01
S10	20	(diode with laser) and (amplifier same energy same storage same time) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:03
S11	4	(diode with laser) same (amplifier same energy same storage same (duration or lifetime or time)) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:09
S12	4	((semiconductor or diode) with laser with amplifier) same (energy same storage same (duration or lifetime or time)) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:18
S13	1400	((semiconductor or diode) with laser with amplifier) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 22:12

## EAST Search History

S14	52	((semiconductor or diode) with laser with amplifier) and 372/50.22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:17
S15	113	((semiconductor or diode) with laser with amplifier) and 372/50.22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:17
S16	124	((semiconductor or diode) with (optical or laser) with amplifier) and 372/50.22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:17
S17	7	((semiconductor or diode) with (optical or laser) with amplifier) same (energy same storage same (duration or lifetime or time)) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 22:13
S18	40	((("5,572,355") or ("5,633,875") or ("5,696,782") or ("5,701,319") or ("5,818,630") or ("5,847,863") or ("5,862,227") or ("5,880,877") or ("6,014,249") or ("6,154,310") or ("6,181,463") or ("6,198,568") or ("6,208,458") or ("6,249,630") or ("6,275,512") or ("6,334,011") or ("6,345,058") or ("6,363,090") or ("6,549,547") or ("6,590,910") or ("6,603,600")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 21:27
S19	12	((((semiconductor or diode) with (optical or laser) with amplifier) or SOA) and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 21:28
S20	1152	372/9,28,39,43.01,50.22.ccls. and amplif\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 22:13

## EAST Search History

S21	401	((semiconductor or diode) with (optical or laser) with amplifier) and 372/9,28,39,43.01,50.22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:35
S22	60	((semiconductor or diode) with (optical or laser) with amplifier) and (chirp\$5 or stretch\$) and 372/9,28,39,43.01,50.22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 22:37
S23	341	S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 22:37
S24	5	"859553".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 22:47
S25	97	((semiconductor or diode) with (optical or laser) with amplifier) and 372/25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:48
S26	0	raman with amplif\$5 with lifetime with excited with state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:49
S27	5	raman with amplif\$5 with lifetime	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 13:52
S28	9	raman with amplif\$5 same stretch\$ with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 14:59

## EAST Search History

S29	3	stretch\$ with pulse and 359/334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:04
S30	2	(stretch\$ with pulse) and (raman with amplif\$5) and 359/334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:05
S31	28	(stretch\$ with pulse) and (raman with amplif\$5) and ("359" or "372"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/24 15:06
S32	8	"436579".ap. or "6804045".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 17:40
S33	2	"6900920".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 18:02
S34	6	raman same amplif\$5 same storage same time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 20:49
S38	72	(raman with fiber with amplif\$8) and compress\$8 and stretch\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 20:57
S39	27	(raman with fiber with amplif\$8) and storage with time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 20:58

## EAST Search History

S40	1	(raman with fiber with amplif\$8) same storage with time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 20:58
S41	27	(raman with fiber with amplif\$8) and storage with (duratin or time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 21:16
S42	1	(raman with fiber with amplif\$8) same storage with (duratin or time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 20:59
S43	61	(raman with fiber with amplif\$8) and (expand\$8 or stretch\$) and (compress\$8) and chirp\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 21:17
S44	5	((chirped with pulse with amplif\$8) or cpa) same (raman with amplif\$8 with fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 21:59
S46	2	((chirped with pulse with amplif\$8) or cpa) same (raman with amplif\$8 with fiber) and ("372" or "359"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 22:01
S47	430	((chirped with pulse with amplif\$8) or cpa) and ("372" or "359").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 22:13
S48	73	((chirped with pulse with amplif\$8) or cpa) same (fiber with amplif\$8)) and ("372" or "359").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 22:21

## EAST Search History

S49	2	((chirped with pulse with amplif\$8) or cpa) same (raman with fiber with amplif\$8)) and ("372" or "359"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 22:35
S50	87	"5499134" or "5400350"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 22:36
S51	4	("5499134" or "5400350").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 22:36
S52	5	"608233".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 19:24
S53	24	(US-20040263950-\$ or US-20040091000-\$ or US-20030156605-\$ or US-20020114030-\$ or US-20050265407-\$ or US-20040263949-\$ or US-20050196175-\$ or US-20050196174-\$ or US-20040196878-\$ or US-20050058462-\$ or US-20040000942-\$ or US-20050238070-\$ or US-20050041702-\$ or US-20050163426-\$ or US-20050226278-\$).did. or (US-5745284-\$ or US-6567430-\$ or US-6570704-\$ or US-6900920-\$ or US-6297179-\$ or US-5991479-\$ or US-5499134-\$ or US-6198568-\$ or US-6804045-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/30 20:03
S54	2	"6885683".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 21:27

## EAST Search History

S55	371	"Yb" with fiber with amplifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 21:28
S56	140	S55 and "359".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 21:28
S57	36	"Yb" with fiber with amplifier same raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 21:56
S58	6	lifetime with "yb" with excited with state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 22:11
S61	19	(372/39,43.01,50.22,69,70,75 or 359/333,334).ccls. and (((semiconductor with optical with amplifier) or (raman with amplifier)) and stretch\$ and compress\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 22:14
S62	19	(372/39,43.01,50.22,69,70,75 or 359/333,334).ccls. and (((semiconductor with optical with amplifier) or (raman with amplifier)) and stretch\$ and compress\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 14:13
S63	23	(372/21,39,43.01,50.22,69,70,75 or 359/333,334).ccls. and (((semiconductor with optical with amplifier) or (raman with amplifier)) and stretch\$ and compress\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 14:14
S65	4	S63 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 14:15



## EAST Search History

S66	4	raman with amplif\$8 with stretch\$ with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 11:38
S67	11	raman with amplif\$8 same stretch\$ with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 11:38
S68	0	("2005/0058462").URPN.	USPAT	OR	ON	2006/05/02 12:18
S69	0	(S66 or S67) and soa	USPAT	OR	ON	2006/05/02 12:19
S70	29	(US-20050041702-\$ or US-20050238070-\$ or US-20040263950-\$ or US-20050196175-\$ or US-20050196174-\$ or US-20050163426-\$ or US-20050058462-\$ or US-20040000942-\$ or US-20020114030-\$ or US-20040091000-\$ or US-20050265407-\$ or US-20030156605-\$ or US-20040263949-\$ or US-20040036957-\$ or US-20050226278-\$ or US-20040196878-\$).did. or. (US-5696782-\$ or US-6943935-\$ or US-6885683-\$ or US-6804045-\$ or US-6900920-\$ or US-5991479-\$ or US-5499134-\$ or US-6654161-\$ or US-5745284-\$ or US-6567430-\$ or US-6570704-\$ or US-6297179-\$ or US-6198568-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/02 12:19
S71	9	"I29" and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 12:20
S72	9	S71 and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 12:20

## EAST Search History

S73	2	S70 and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 12:21
S74	23	(372/21,39,43.01,50.22,69,70,75 or 359/333,334).ccls. and (((semiconductor with optical with amplifier) or (raman with amplifier)) and stretch\$ and compress\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 09:11
S75	25	(372/21,39,43.01,50.22,69,70,75 or 359/333,334).ccls. and (((semiconductor with optic\$5 with amplif\$5) or (raman with amplif\$5)) and stretch\$ and compress\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 09:25
S76	1965	(372/21,50.22 or 359/333,334).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 09:28
S77	61	(stretch\$ with amplif\$).clm.	US-PGPUB	OR	ON	2006/05/12 11:39
S78	215	(stretch\$ and amplif\$).clm.	US-PGPUB	OR	ON	2006/05/12 11:39